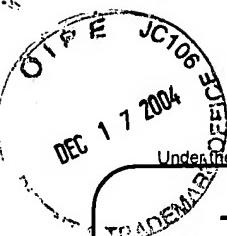


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2873
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TRANSMITTAL FORM

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Total Number of Pages in This Submission

4

Application Number	10/032,198
Filing Date	12/20/2001
First Named Inventor	Vlad J. Novotny
Art Unit	2873
Examiner Name	Choi, William C.

Attorney Docket Number

AO-001

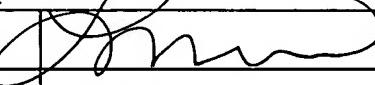
ENCLOSURES (Check all that apply)		
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Remarks		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm Name	Silicon Edge Law Group LLP, Arthur J. Behiel, Patent Attorney		
Signature			
Printed name	Arthur J. Behiel		
Date	12/14/2004	Reg. No.	39,603

CERTIFICATE OF TRANSMISSION/MAILING

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Laurie Moreno

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12/14/2004

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**Effective on 12/08/2004.
Fees pursuant to the Consolidated Appropriations Act, 2005 (H.R. 4818).**
**FEE TRANSMITTAL
For FY 2005**

Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$) **180.00**

Complete if Known

Application Number	101032, 198
Filing Date	12-20-2001
First Named Inventor	Vlad J. Novotny
Examiner Name	Choi, William C.
Art Unit	2873
Attorney Docket No.	A0-001

METHOD OF PAYMENT (check all that apply)

Check Credit Card Money Order None Other (please identify): **\$180.00**
 Deposit Account Deposit Account Number: _____ Deposit Account Name: _____

For the above-identified deposit account, the Director is hereby authorized to: (check all that apply)

Charge fee(s) indicated below Charge fee(s) indicated below, except for the filing fee
 Charge any additional fee(s) or underpayments of fee(s) under 37 CFR 1.16 and 1.17 Credit any overpayments

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

FEE CALCULATION

1. BASIC FILING, SEARCH, AND EXAMINATION FEES

<u>Application Type</u>	<u>FILING FEES</u>		<u>SEARCH FEES</u>		<u>EXAMINATION FEES</u>		<u>Fees Paid (\$)</u>
	<u>Fee (\$)</u>	<u>Small Entity</u>	<u>Fee (\$)</u>	<u>Small Entity</u>	<u>Fee (\$)</u>	<u>Small Entity</u>	
Utility	300	150	500	250	200	100	_____
Design	200	100	100	50	130	65	_____
Plant	200	100	300	150	160	80	_____
Reissue	300	150	500	250	600	300	_____
Provisional	200	100	0	0	0	0	_____

2. EXCESS CLAIM FEES

Fee Description

Each claim over 20 or, for Reissues, each claim over 20 and more than in the original patent

Small Entity

Fee (\$) Fee (\$)

50 25

Each independent claim over 3 or, for Reissues, each independent claim more than in the original patent

200 100

Multiple dependent claims

360 180

Total Claims	Extra Claims	Fee (\$)	Fee Paid (\$)
- 20 or HP =	x	=	

Multiple Dependent Claims	
Fee (\$)	Fee Paid (\$)

HP = highest number of total claims paid for, if greater than 20

Indep. Claims	Extra Claims	Fee (\$)	Fee Paid (\$)
- 3 or HP =	x	=	

HP = highest number of independent claims paid for, if greater than 3

3. APPLICATION SIZE FEE

If the specification and drawings exceed 100 sheets of paper, the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).

Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof	Fee (\$)	Fee Paid (\$)
- 100 =	/ 50 =	(round up to a whole number) x	=	

4. OTHER FEE(S)

Non-English Specification, \$130 fee (no small entity discount)

Other: **180.00 - Submission of an IDS**

180.00

SUBMITTED BY

Signature		Registration No. (Attorney/Agent)	39,403	Telephone	925-671-2113
Name (Print/Type)	Arthur J. Behiel	Date	12/14/2004		

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: Vlad J. Novotny and Yee-Chung Fu
Assignee: Active Optical Networks, Inc.
Title: "Multi-Axis Micro-Electro-Mechanical Actuator"
Serial No.: 10/031,198 Filed: 12/20/2001
Examiner: Choi, William C. Tel: 571-272-2324
Docket No.: AO-001 Art Unit: 2873

Mail Stop Issue Fee
Commissioner For Patents
P.O. Box 1450
Alexandria, VA 22313-1450

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

Sir:

Pursuant to 37 C.F.R. §1.56, §1.97 and §1.98, Applicants bring the 13 documents listed on the enclosed form PTO/SB/08A to the Examiner's attention in the above-captioned application. Citation of the listed documents shall not be construed as:

1. an admission that the documents are necessarily prior art with respect to the instant application;
2. a representation that a search has been made; or
3. an admission that the information cited is, or is considered to be, material to patentability as defined in §1.56(b).

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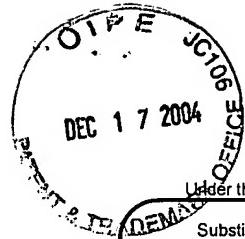
12/17/2004

Laurie Moreno

Date

Respectfully submitted,

Arthur J. Behiel
Attorney for Applicants
Reg. No. 39,603



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Substitute for form 1449/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet 1 of 1

Complete if Known

Application Number	10/032,198
Filing Date	12/20/2001
First Named Inventor	Vlad J. Novotny
Art Unit	2873
Examiner Name	Choi, William C.
Attorney Docket Number	AO-001

U. S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
1	US-	6,337,760 B1	01/08/2002	Huibers et al.	
2	US-	6,430,331 B1	08/06/2002	Hagelin et al.	
3	US-	6,697,547 B2	02/24/2004	Walter et al.	
4	US-	6,542,665 B2	04/01/2003	Reed et al.	
5	US-	6,172,817 B1	01/09/2001	Senapati et al.	
6	US-	5,841,917	11/24/1998	Jungerman et al.	
7	US-	6,549,691 B1	04/15/2003	Street et al.	
8	US-	6,628,857 B1	09/30/2003	Bonadeo et al.	
9	US-	6,707,594 B2	03/16/2004	Holmes	
10	US-	6,760,505 B1	07/06/2004	Street et al.	
11	US-	6,445,844 B1	09/03/2002	Neukermans et al.	
12	US-	5,724,015	03/03/1998	Tai et al.	
13	US-	5,506,394	04/09/1996	Plesko	
	US-				

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T ⁶
		Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)				

Examiner Signature	Date Considered
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹Applicant's unique citation designation number (optional). ²See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.

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